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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/902,664

07/12/2001

Jin Soo Lee

24286/81101

2101

7590

07/13/2006

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EXAMINER

PATEL, DHAIRYA A

ART UNIT

PAPER NUMBER

2151

DATE MAILED: 07/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/902,664	Applicant(s) LEE ET AL.	
	Examiner Dhairya A. Patel	Art Unit 2151	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 80-125 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 80-125 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communication filed on 3/3/2006. Claims 80-125 are presented for examination.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 80-125 are rejected under 35 U.S.C. 102(e) as being anticipated by McCoy et al. U.S. Patent # 6,526,575 (hereinafter McCoy)

As per claim 80, McCoy teaches a computer-implemented method for processing description of multimedia content, the method comprising:

-receiving a description about a group of multimedia objects, the group including a first multimedia object, and the description about the group including a first group identifier that identifies the group (column 4 lines 33-47);

The reference teaches receiving description about the multimedia contents (group of multimedia objects) and having television program's title, telecast time, program description (description about the group) including program schedule process (first group identifier) identifying the group

- comparing the first group identifier with one or more previously stored group identifiers when the first multimedia object is displayed on a terminal (column 9 lines 1-7, lines 49-57); and

- if the first group identifier is different from the previously stored group identifiers, storing the description about the group of multimedia objects (column 8 lines 53-60).

The reference teaches storing the description about the group of multimedia objects as (program schedule process) and media process.

As per claim 81, McCoy teaches the method of claim 80, wherein the first multimedia object has a first object identifier, the method further comprising:

- storage a usage history that lists user actions and associates the first object identifier with each user action that is related to the first multimedia object (column 7 lines 57-65)(column 8 lines 1-5).

As per claim 82, McCoy teaches the method of claim 81, further comprising:

- providing link information in the usage history, wherein the link information is configured to link the description about the group to each user action that is related to the first multimedia object and listed in the usage history (column 8 lines 49-67).

As per claim 83, McCoy teaches the method of claim 82, wherein the link information includes the first group identifier (column 8 lines 49-67).

As per claim 84, McCoy teaches the method of claim 81, wherein storing the usage history includes storing the usage history without storing the description about the group of multimedia objects if the first group identifier is the same as one of the previously stored identifiers (column 9 lines 39-44)(column 6 lines 32-36).

As per claim 85, McCoy teaches the method of claim 81, further comprising:

-receiving a first description describing content in the first multimedia object, the first description including the first object identifier and a reference to the group of multimedia objects, wherein the reference to the group indicates that the first multimedia object belongs to the group of multimedia objects (column 8 lines 49-59)(column 9 lines 49-57).

As per claim 86, McCoy teaches the method of claim 85, wherein the reference to the group includes the first group identifier (column 8 lines 49-59).

As per claim 87, McCoy teaches the method of claim 85, wherein the group of multimedia objects represents a series of episodes, and wherein the reference to the group indicates that the first multimedia object represents an episode of the series (column 11 lines 38-42).

As per claim 88, McCoy teaches the method of claim 87, wherein the reference to the group specifies an episode number for the first multimedia object in the series of episodes (column 10 lines 15-24)(column 11 lines 38-42).

As per claim 89, McCoy teaches the method of claim 85, wherein the first description includes a hierarchical structure in which the reference to the group is

represented at the same hierarchical level as a container including content description elements (column 8 lines 49-59).

As per claim 90, McCoy teaches the method of claim 89, wherein the content description elements include an element describing a title or a genre for the first multimedia object (column 11 lines 31-36).

As per claim 91, McCoy teaches the method of claim 89, wherein the content description elements include an element specifying a director, an actor, or an actress for the first multimedia object (column 16 lines 28-40).

As per claim 92, McCoy teaches the method of claim 89, wherein the content description elements include an element for a textual description of the content in the first multimedia object (column 16 lines 28-40).

As per claim 93, McCoy teaches the method of claim 80, wherein the description about the group includes a title for the group of multimedia objects (column 8 lines 49-59)(column 11 lines 31-63).

As per claim 94, McCoy teaches the method of claim 80, wherein the description about the group specifies a genre for the group of multimedia objects (column 20 lines 2-6)(column 22 lines 2-8).

As per claim 95, McCoy teaches the method of claim 80, wherein the description about the group specifies a director or one or more actors or actresses for the group of multimedia objects (column 22 lines 8-20, lines 27-37).

As per claims 96-110 respectively, teaches same limitation as claims 80-95 respectively, therefore rejected under same basis.

As per claims 111-125 respectively, teaches same limitation as claims 80-95 respectively, therefore rejected under same basis.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

A). "Dynamic regulation of television viewing content based on viewer profile and viewing history" by Cragun et al. U.S. Patent # 5,973,683.

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.


5.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dhairya A. Patel whose telephone number is 571-272-5809. The examiner can normally be reached on 8:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on 571-272-3939. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DAP


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER